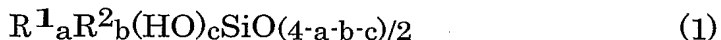


## CLAIMS

1. Addition-curable organopolysiloxane resin composition comprising

(A) 100 parts by weight of an organopolysiloxane resin that has the average  
5 compositional formula:

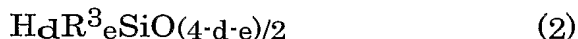


(R<sup>1</sup> is C<sub>2</sub>-10 alkenyl, R<sup>2</sup> is a group selected from unsubstituted or  
substituted monovalent hydrocarbyl (excluding alkenyl) and alkoxy

wherein at least 30 mole% of R<sup>2</sup> is phenyl, and a, b, and c are positive

10 numbers that satisfy the following: a + b + c is 1.0 to 2.0, a is at least 0.1,  
and c is at least 0.2) and that contains at least alkenyl, hydroxyl, and  
phenyl group directly bonded to silicon,

(B) 20 to 100 parts by weight of an organohydrogenoligosiloxane or  
organohydrogenopolysiloxane that has the average compositional formula:



(R<sup>3</sup> is a group selected from unsubstituted or substituted monovalent  
hydrocarbyl (excluding alkenyl), alkoxy, and hydroxyl group wherein at

least 20 mole% of R<sup>3</sup> is phenyl, d is 0.35 to 0.65, and e is 0.90 to 1.70)

and that contains at least phenyl group directly bonded to silicon, and

20 (C) an addition reaction-curing catalyst in a catalytic quantity.

2. The addition-curable organopolysiloxane resin composition according to

Claim 1, wherein R<sup>1</sup> is vinyl, R<sup>2</sup> is methyl and phenyl, and R<sup>3</sup> is methyl and  
phenyl, and the addition reaction-curing catalyst is a platinum catalyst.

- 25 3. The addition-curable organopolysiloxane resin composition according to

Claim 1 or Claim 2, wherein the cured product therefrom has a hardness of

60 to 100 as measured by the type D durometer specified in ASTM D2240-86 and the cured product therefrom with a thickness of 4 mm exhibits, during a period of six hours after being withdrawn into a 25°C environment with a relative humidity of 25% after having been previously held for 15 hours at 85% relative humidity and 85°C, a decline in transmittance at 850 nm of no more than 10% from the initial transmittance.

4. The addition-curable organopolysiloxane resin composition according to Claim 1, Claim 2, or Claim 3, wherein said composition has a pre-cure viscosity at 25°C of less than 1 Pa · s and provides cured product that has a hardness of 60 to 100 as measured by the type D durometer specified in ASTM D2240-86 and a bending strength as specified in JIS K6911 of at least 30 MPa.